

ABSTRACT OF THE DISCLOSURE

The invention relates to a device (21) for placing a vascular implant (10) including comprising a device (1) for dilating a vessel, consisting of an outer envelope and a tapered end piece for introduction into a vessel whereby said end piece consists of a nose (14) formed at the distal extremity of the outer envelope (2) and the dilation device comprises means for opening the nose (14), consisting of at least two longitudinal slots (16a, 16b, 16c, 16d) which divide the nose (14) into several segments (15a, 15b, 15c, 15d) which can be opened out in order to open the nose (14); and an implant (10) which is placed in the outer envelope (2). The invention is characterized in that the implant (10) comprises an expandable element (24) which can be placed in the outer envelope. The implant includes an expandable element which can be placed on the internal wall of the outer envelope (2); it is provided with means for the translation of said implant (10) in relation to the outer envelope (2) such that the expandable element (24) can press against the internal wall of the nose (14) in order to open out the segments (15a, 15b, 15c, 15d). The invention also relates to a device for placing vascular implants fitted with said device.